

THOMSON

DELPHION

RESEARCH

PRODUCTS

INSIDE DELPHION

My Account | Products

Search: Quick/Number Boolean Advanced

Help

## The Delphion Integrated View

Get Now: ☒ PDF | [More choices...](#)Tools: Add to Work File: ☒ Create new Work File ☒ View: INPADOC | Jump to:  ☒ Go to: [Derwent...](#)☒ [Email this to a friend](#)

🔍 Title: **JP61169226A2: MANUFACTURE OF FIBER REINFORCED RESIN STRUCTURAL BODY**

🔍 Country: JP Japan

🔍 Kind: A

🔍 Inventor: YAMAZAWA YASUSHI;  
TERADA MAKI;  
AOKI TOSHIO;  
TSUCHIYA YASUHIRO;

🔍 Assignee: TOYOTA MOTOR CORP  
TOYODA BOSHOKU KK  
[News, Profiles, Stocks and More about this company](#)

🔍 Published / Filed: 1986-07-30 / 1985-01-22

🔍 Application Number: JP1985000009550

🔍 IPC Code: **B29C 67/14; B29K 105/10;**

🔍 Priority Number: 1985-01-22 **JP1985000859550**

🔍 Abstract:

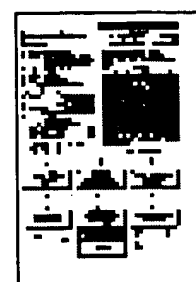
**PURPOSE:** To obtain a fiber reinforced three-dimensional resin structural body by a method wherein a continuously formed lint bundle, wherein a resin is made to impregnate, is wound around the surface of a three-dimensional type bag body formed into the prescribed configuration by introducing fluid therein and after the lint bundle is made to harden, the fluid is made to exhaust from the bag body and the lint bundle demolded from the surface of the bag body.

**CONSTITUTION:** A spherical three-dimensional type bag body 7 is manufactured using a heat-resisting rubber, the bag body is provided with an inlet 8 and microscopic pyramid-shaped protruded parts 9 and a winding part 3 is formed. Fluid is introduced in the bag body and the bag body is formed into a spherical shape. A continuously formed lint bundle, wherein a resin is made to impregnate, is wound around the winding part 3 of the bag body 7 formed into a spherical shape and is made to harden to obtain a spherical frame 10. Moreover, the frame 10 is released from the winding part of the bag body after the fluid is made to exhaust from the bag body 7. By this way, the manufacture of the fiber reinforced three-dimensional resin structural body becomes possible. This manufacturing method can be applied to the manufacture of an automotive body frame and so forth.

**COPYRIGHT:** (C)1986,JPO&Japio

🔍 Family: None

🔍 Other Abstract Info: DERABS C86-241432 DERC86-241432



[View Image](#)

1 page



[Nominate](#)

[this for the Gallery...](#)



© 1997-2003 Thomson Delphion

[Research Subscriptions](#) | [Privacy Policy](#) | [Terms & Conditions](#) | [Site Map](#) | [Contact Us](#) | [Help](#)